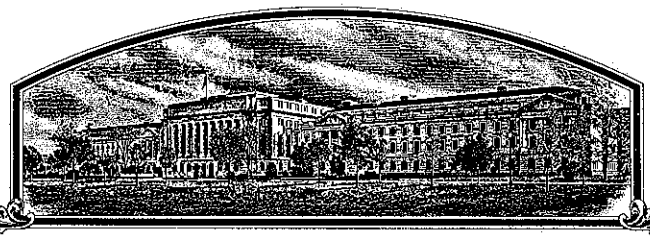
No. 9000222



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Northrup King Co.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS REQUIRED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT

'Coker 9877'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of* Washington, D.C. *this* 30th *day of* April *in the year of our Lord one thousand nine hundred and* ninety-three.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

FORM APPROVED: OMB 0581-0055, Expires 1/31/91

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*
Northrup King Co.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NO.
~~CL84101~~ 19Nov
CL840101 1992

3. VARIETY NAME
Coker 9877

4. ADDRESS *(street and no. or R.F.D. no., city, state, and ZIP)*
P. O. Box 959
Minneapolis, MN 55440

5. PHONE *(Include area code)*
(612) 593-7333

FOR OFFICIAL USE ONLY

PVPO NUMBER
9000222

FILING
Date: July 9, 1990
Time: ☐ A.M. ☐ P.M.

FEES RECEIVED
Filing and Examination Fee: $ 2150
Date: July 9, 1990
Certificate Fee: $ 250.00
Date: Apr. 8, 1993

6. GENUS AND SPECIES NAME
Triticum aestivum

7. FAMILY NAME *(Botanical)*
Gramineae

8. CROP KIND NAME *(Common Name)*
Soft red winter wheat

9. DATE OF DETERMINATION
1988

10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION *(Corporation, partnership, association, etc.)*
Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION
Delaware

12. DATE OF INCORPORATION
1976

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
~~R. W. Romig~~ ~~DR. WARREN SPRUNGER~~ DR. JOHN THORNE
Northrup King Co.
P. O. Box ~~959~~ 4
~~Minneapolis, MN 55440~~ Washington, IA 52353
PHONE *(Include area code)*: (612) 593-7305

14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(Follow INSTRUCTIONS on reverse)*
- a. [X] Exhibit A, Origin and Breeding History of the Variety.
- b. [X] Exhibit B, Novelty Statement.
- c. [X] Exhibit C, Objective Description of Variety.
- d. [ ] Exhibit D, Additional Description of Variety.
- e. [X] Exhibit E, Statement of the Basis of Applicant's Ownership.
- f. [X] Seed Sample (2,500 viable untreated seeds). Date Seed Sample mailed to Plant Variety Protection Office _____
- g. [X] Filing and Examination Fee ($2,150) made payable to "Treasurer of the United States."

15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? *(See section 83(a) of the Plant Variety Protection Act.)*
[X] YES *(If "YES," answer items 16 and 17 below)* [ ] NO *(If "NO," skip to item 18 below)*

16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
[X] YES [ ] NO

17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
[X] FOUNDATION [X] REGISTERED [X] CERTIFIED

18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?
[ ] YES *(If "YES," through* [ ] Plant Variety Protection Act [ ] Patent Act. Give date: _____ .)
[X] NO

19. HAS THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
[X] YES (If "YES," give names of countries and dates) U.S.A., fall of 1989
[ ] NO

20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in section 41, and is entitled to protection under the provisions of section 42 of the Plant Variety Protection Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT *(Owner(s))*	CAPACITY OR TITLE	DATE
Robert W. Romig	Robert W. Romig Vice-President, Research	June 22, 1990
SIGNATURE OF APPLICANT *(Owner(s))*	CAPACITY OR TITLE	DATE

Exhibit A
Origin and Breeding History of the Wheat Variety, Coker 9877

Coker 9877 soft red winter wheat is derived from a cross Coker 65-20 4*/Wichita 7-Transfer//Blueboy selection/3/C71-21/Blueboy II made in 1978 at the Coker research facility at Hartsville, South Carolina. C71-21 is a selection from the cross C57-6/Hadden//Blueboy. C57-6, in turn, is a selection from the cross Hardy Red/Taylor. The variety is derived from single plant selection in the F2-F4 generations followed by further selection in the F8 generation.

We grew the F1 through F5 generations at Hartsville, South Carolina where we selected for resistance to Puccinia recondita (leaf rust) and Erysiphe graminis (powdery mildew). In the spring of 1984, we harvested an F5 row (F6 seed) in bulk which we designated C84A77.

On the basis of a performance test in the 1984-85 season at Bay, Arkansas, we advanced this line for further testing in the 1985-86 and 1986-87 season. In 1986-87, we selected individual plants from the experimental variety which was renumbered as CL84101. It has been tested extensively in the Mid-South for the four years (1986 through 1989) and was grown in the USDA Uniform Southern Soft Wheat Nursery for two years (1986-87 and 1987-88). The variety was named Coker 9877 in 1988.

Breeder seed was produced by combining seed from 83 single plant-derived, second-year increases that appeared uniform and stable. This seed source will be maintained for future seed stock purposes. The strip increases combined to produce breeder seed were in the F11 generation and were judged identical in appearance to the original F9 plants selected as representative of the line. The variety does have a low level of variants. These include plants with earlier maturity, taller height, and awned spikes. Frequency of these types has been less than 5/1,000. Coleoptile color is predominantly white/green, but the variety may contain up to 2% purple coleoptiles.

Exhibit B
Novelty Statement for the Wheat Variety, Coker 9877

Wheat variety Coker 9877 is most similar to Coker 9733 and Coker 833. It can be differentiated from Coker 9733 on the basis of coleoptile color, maturity, and testweight. Coker 9877 has white coleoptile color vs. purple for Coker 9733. It heads six days later, and has approximately 3.7 pounds per bushel lower testweight than Coker 9733 (see data below).

Coker 9877 can be differentiated from Coker 833 on the basis of resistance to stripe rust, stem rust, and Septoria nodorum. Coker 9877 is susceptible to stripe rust but resistant to stem rust and Septoria nodorum; Coker 833 is resistant to stripe rust but susceptible to stem rust and Septoria nodorum.

Agronomic data for Coker 9877 and Coker 9733 grown for four years in variety trials at Bay, AR.

Variety	Year 1986	1987	1988	1989	Mean
	Heading Date (Days in April)				
Coker 9877	4/26	4/30	4/28	4/30	4/29
Coker 9733	4/19	4/24	4/22	4/25	4/23
$LSD_{(0.05)}$					1.8 days
	Test Weight (Lb./Bu.)				
Coker 9877	58	52	57	56	55.8
Coker 9733	61	59	59	59	59.5
$LSD_{(0.05)}$					2.3 Lb./Bu.

FORM APPROVED: OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK AND SEED DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*TRITICUM SPP.*)

INSTRUCTIONS: *See Reverse.*

NAME OF APPLICANT(S)
Northrup King Co.

ADDRESS (*Street and No. or R.F.D. No., City, State, and ZIP Code*)
Attention: R. W. Romig
P.O. Box 959
Minneapolis, MN 55440

FOR OFFICIAL USE ONLY

PVPO NUMBER 9000222

VARIETY NAME OR TEMPORARY DESIGNATION
Coker 9877

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g. [0][8][9] or [0][9]) when number is either 99 or less or 9 or less.

1. KIND:
[1] 1 = COMMON 2 = DURUM 3 = EMMER 4 = SPELT 5 = POLISH 6 = POULARD 7 = CLUB

2. TYPE:
[2] 1 = SPRING 2 = WINTER 3 = OTHER (*Specify*) _____
[1] 1 = SOFT 2 = HARD 3 = OTHER (*Specify*) _____
[2] 1 = WHITE 2 = RED 3 = OTHER (*Specify*) _____

3. SEASON - NUMBER OF DAYS FROM EMERGENCE TO:
[2][0][3] FIRST FLOWERING
[2][1][0] LAST FLOWERING

4. MATURITY (*50% Flowering*):
[ ][ ] NO. OF DAYS *EARLIER* THAN .....
[0][2] NO. OF DAYS *LATER* THAN .....
[7] 1 = ARTHUR 2 = SCOUT 3 = CHRIS 4 = LEMHI 5 = NUGAINES 6 = LEEDS 7=Caldwell

5. PLANT HEIGHT (*From soil level to top of head*):
[0][9][8] CM. HIGH
[0][3] CM. TALLER THAN .....
[ ][ ] CM. SHORTER THAN .....
[7] 1 = ARTHUR 2 = SCOUT 3 = CHRIS 4 = LEMHI 5 = NUGAINES 6 = LEEDS 7=Caldwell

6. PLANT COLOR AT BOOTING (*See reverse*):
[2] 1 = YELLOW GREEN 2 = GREEN 3 = BLUE GREEN

7. ANTHER COLOR:
[1] 1 = YELLOW 2 = PURPLE

8. STEM:
[2] Anthocyanin: 1 = ABSENT 2 = PRESENT
[ ] Waxy bloom: 1 = ABSENT 2 = PRESENT
[2] Hairiness of last internode of rachis: 1 = ABSENT 2 = PRESENT
[1] Internodes: 1 = HOLLOW 2 = SOLID but basal internode is almost solid
[0][5] NO. OF NODES (*Originating from node above ground*)
[ ][ ] CM. INTERNODE LENGTH BETWEEN FLAG LEAF AND LEAF BELOW

9. AURICLES:
[ ] Anthocyanin: 1 = ABSENT 2 = PRESENT
[2] Hairiness: 1 = ABSENT 2 = PRESENT

10. LEAF:
[2] Flag leaf at booting stage: 1 = ERECT 2 = RECURVED 3 = OTHER (*Specify*): _____
[1] Flag leaf: 1 = NOT TWISTED 2 = TWISTED
[2] Hairs of first leaf sheath: 1 = ABSENT 2 = PRESENT
[ ] Waxy bloom of flag leaf sheath: 1 = ABSENT 2 = PRESENT
[ ][ ] MM. LEAF WIDTH (*First leaf below flag leaf*)
[ ][ ] CM. LEAF LENGTH (*First leaf below flag leaf*):

11. HEAD:

[3] Density: 1 = LAX 2 = DENSE 3=semi-dense

[2] Shape: 1 = TAPERING 2 = STRAP 3 = CLAVATE 4 = OTHER (Specify) ______

[2] Awnedness: 1 = AWNLESS 2 = APICALLY AWNLETED 3 = AWNLETED 4 = AWNED

[7] Color at maturity: 1 = WHITE 2 = YELLOW 3 = PINK 4 = RED 5 = BROWN 6 = BLACK 7 = OTHER (Specify): tan

[0|9] CM. LENGTH

[1|2] MM. WIDTH

12. GLUMES AT MATURITY:

[2] Length: 1 = SHORT (CA. 7 mm.) 2 = MEDIUM (CA. 8 mm.) 3 = LONG (CA. 9 mm.)

[2] Width: 1 = NARROW (CA. 3 mm.) 2 = MEDIUM (CA. 3.5 mm.) 3 = WIDE (CA. 4 mm.)

[5] Shoulder shape: 1 = WANTING 2 = OBLIQUE 3 = ROUNDED 4 = SQUARE 5 = ELEVATED 6 = APICULATE

[1] Beak: 1 = OBTUSE 2 = ACUTE 3 = ACUMINATE

13. COLEOPTILE COLOR:

[1] 1 = WHITE 2 = RED 3 = PURPLE

14. SEEDLING ANTHOCYANIN:

[1] 1 = ABSENT 2 = PRESENT

15. JUVENILE PLANT GROWTH HABIT:

[2] 1 = PROSTRATE 2 = SEMI-ERECT 3 = ERECT

16. SEED:

[4] Shape: 1 = OVATE 2 = OVAL 3 = ELLIPTICAL 4=ovate to elliptical

[1] Cheek: 1 = ROUNDED 2 = ANGULAR

[2] Brush: 1 = SHORT 2 = MEDIUM 3 = LONG

[1] Brush: 1 = NOT COLLARED 2 = COLLARED

[ ] Phenol reaction (See instructions): 1 = IVORY 2 = FAWN 3 = LT. BROWN 4 = BROWN 5 = BLACK

[5] Color: 1 = WHITE 2 = AMBER 3 = RED 4 = PURPLE 5 = OTHER (Specify) medium brown

[0|7] MM. LENGTH*

[.0|3] MM. WIDTH*

[2|8] GM. PER 1000 SEEDS

*variable due to tendency to set 3 to 5 seed/spikelet

17. SEED CREASE:

[2] Width: 1 = 60% OR LESS OF KERNEL 'WINOKA' 2 = 80% OR LESS OF KERNEL 'CHRIS' 3 = NEARLY AS WIDE AS KERNEL 'LEMHI' narrow to mid wide

[2] Depth: 1 = 20% OR LESS OF KERNEL 'SCOUT' 2 = 35% OR LESS OF KERNEL 'CHRIS' 3 = 50% OR LESS OF KERNEL 'LEMHI' mid-deep

18. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant) 3: race dependent

[2] STEM RUST (Races) ______

[2] LEAF RUST (Races) ______

[1] STRIPE RUST (Races) ______

[0] LOOSE SMUT

[3] POWDERY MILDEW susceptible SE race; Resistant to Mid-South race

[0] BUNT

[2] OTHER (Specify) Septoria leaf & glume blotch

19. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

[0] SAWFLY

[0] APHID (Bydv.)

[0] GREEN BUG

[0] CEREAL LEAF BEETLE

[ ] OTHER (Specify) ______

HESSIAN FLY RACES: [ ] GP [ ] A [ ] B [ ] C [ ] D [1] E [ ] F [ ] G

20. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Coker 833	Seed size	Coker 833
Leaf size	Coker 833	Seed shape	Coker 833
Leaf color	Coker 833	Coleoptile elongation	Coker 833
Leaf carriage	Coker 833	Seedling pigmentation	Coker 833

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

(a) L.W. Briggle and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, United States Department of Agriculture.

(b) W.E. Walls, 1965, A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity, contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysts. (See attachment.)

LEAF COLOR: Nickerson's or any recognized color fan should be used to determine the leaf color of the described variety.

9000222

Milling and Baking Characteristics of Coker 9877*

Advanced Nursery Evaluations
Average of 1986-88

Quality Parameter	Coker 9877	Coker 916	Coker 9323
Milling Quality Score	91.3	93.9	103.9
Baking Quality Score	87.8	84.3	94.7
Test weight (kg/hl)	77.9	78.0	78.0
Softness Equivalent	53.0	55.3	59.9
Flour Yield	70.5	70.2	72.7
Ash	.39	.36	.31
Flour Protein	10.0	10.4	10.8
Micro AWRC	53.5	54.1	52.0
Cookie Diameter	17.4	17.2	17.7
Top Grain	3.7	3.0	3.3

*Milling and baking quality tests conducted by USDA, ARS Soft Wheat Quality Lab; Wooster, Ohio.

Also in 1986-87 and 1987-88 USDA coordinated Uniform Southern Soft Wheat Nurseries, Coker 9877 ranked 16th/34 and 19th/32, respectively.

9000222

DATA RANKED ACCORDING TO COMBINED QUALITY SCORE

1987 CROP

UNIFORM SOUTHERN NURSERY
STANDARD = 340, TYLER

WHEAT AND MILLING DATA

LAB NO.		ENTRY	MILLING QUALITY SCORE	BAKING QUALITY SCORE	COMBINED QUALITY SCORE	TEST WT.	BREAK FLOUR YIELD	ST.GR. FLOUR YIELD	RED PASSES	FRIABILITY	E.S.I.	MILLABILITY
347	BFZ	FL 7924-D13-H14	111.A	110.7A	110.A	59.9	33.7Q	77.8	7	30.5	8.1	131.8
339	FR	PIONEER 2555 (XW 546)	108.A	115.5A	108.A	59.2*	42.1	77.3	7	30.4	9	122.3
338	BEX	STEELE (NA-SW-76-59)	105 A	113.5A	105 A	58.4Q	37.4	77.7	7	30.6	8.5	120.3
369	BGO	NA-SW-84-160	104.A	109.6A	104.A	61.1	37.5	77.5	7	29.5	9.7	117.1
337	AQ	FLORIDA 302	107.A	102.9A	102.A	60.9	33.4Q	77.3	7	29.8	8.6	123.5
***		BENCHMARK	100.A	112.1A	100.A	61.6	35.6*	76.3	7	28 Q	10.4	109.9
348	ZO	FL 7927-G21	102.A	100.1A	100.A	61.3	35 Q	76.9	7	28.7	10.2	113.4
340	BJ	TYLER	100 A	100 A	100 A	60.1	37.3	76.3	7	29	10.4	109.9
***		STANDARD	100 A	100 A	100 A	60.1	37.3	76.3	7	29	10.4	109.9
361	BGI	GA 781197	100 A	103.6A	100 A	59.7	38.2	76.2	7	29.3	9.9	109.8
344	BFK	AR 116-6	99 B	102.1A	99 B	61.3	33.2Q	76.4	7	28.9	10.1	109
367	BGK	MD 73025-51	98.7B	111.4A	98.7B	58.2Q	38	77.3	7	29.2	10.1	109.4
341	BFR	COKER 9733 (COKER 84-33)	97.2B	99.9 B	97.2B	61.7	30.8Q	75.2*	7	29	10.8	106.8
362	BGD	TX-79-30	97.1B	110 A	97.1B	61.5	38.8	75.5	7	27.7 Q	11.5*	102.6
345	BFL	AR 322-21-3	101.A	96.9 B	96.9B	60.5	31.1Q	77.2	7	29.3	9.9	115
354	BFU	COKER 86-29	96.3B	95.3 B	95.3B	62.1	33.8Q	75.6	7	28.5 *	10.9	103.1
352	BFS	COKER 86-17	95.2B	103.3A	95.2B	60.9	37.9	75.8	7	28.9	12 *	100.3*
350	BFQ	CL 840101 – Coker 9877	95.1B	113 A	95.1B	60.7	31.8Q	76.1	7	28.5 *	11.3	103.8
353	BFT	COKER 86-26	95.1B	96.2 B	95.1B	62.2	31.7Q	75.8	7	28.4 *	10.8	102.1
370	BGP	NA-SW-84-313	94.4C	94.7 C	94.4C	58.8Q	31.8Q	76	7	28.7	10.4	104.6
364	BEC	TX-78-7303	99.5B	91.7 C	91.7C	59.4*	37.3	76.1	8	28.4 *	11.6*	109.8
343	BGN	NA-SW-77-42-25	91.5C	94.4 C	91.5C	60.8	37.4	75.1*	8	26.6 Q	12.4Q	94.3 *
365	BGM	MD 75191-80	103.A	90.4 C	90.4C	59.1*	34.3Q	77.2	7	29.4	9.4	118.3
363	BED	TX-79-19-1	89 D	89.3 D	89 D	59.2*	35.9*	75.3*	8	26.9 Q	12.3*	92.6 *
346	BGA	SC 810779	88.5D	90.5 C	88.5D	62	31.9Q	74.9*	8	25.9 Q	12.8Q	90.8 Q
366	BGJ	MD 73019-28	87.7D	94.7 C	87.7D	59.7	37.5	74.9*	8	26.6 Q	12.9Q	88.9 Q
360	BGH	GA 781178	90 C	86.4 D	86.4D	59.3*	36.8	74.8*	7	27.5 Q	12.5Q	93.7 *
368	BGL	MD 73065-03	85.7D	110.9A	85.7D	60.2	39	75.5	8	26.5 Q	12.1*	84.1 Q
342	BGE	VA 82-52-64	86.9D	84.1 E	84.1E	60	39.4	75 *	7	27.5 Q	11.6*	86.2 Q
349	BGF	FL 72185A101-5-9	102.A	83.2 E	83.2E	62.2	32.7Q	76.4	7	28.9	10.1	114.2
355	BFW	COKER 86-31	101.A	83 E	83 E	61.2	32.9Q	76.7	7	29.3	9.5	114.3
351	BFM	AL 840169	97.5B	82.5 E	82.5E	58.4Q	36.1*	76.4	7	28.4 *	10.6	108.1
358	BFN	AT 83WHR6208	97 B	78.8 F	78.8F	61.1	34.6Q	76	8	27.9 Q	11.4*	105.1
357	BGB	SC 820556	91.5C	77.2 F	77.2F	61.5	31.8Q	75.9	7	28 Q	11.3	96.6 *
358	BGC	SC 820886	100.A	46 F	46 F	61.3	21.9Q	77.6	7	28.7	8.7	117.9
359	BGG	GA 781159	86.6D	25.7 F	25.7F	63.2	19.8Q	76.1	7	26.5 Q	11.6*	92.7 *

7

9000222

DATA RANKED ACCORDING TO COMBINED QUALITY SCORE

1987 CROP

UNIFORM SOUTHERN NURSERY
STANDARD = 340, TYLER

STRAIGHT-GRADE FLOUR

LAB NO.	FLOUR PROTEIN %	FLOUR ASH %	MICRO A.W.R.C. %	COOKIE DIAMETER CM.	TOP GRAIN
347	9.67 Q	.35	48.7	18.2	6
339	8.16	.38	50.8	18.45	5
338	9.16 *	.41	50.1	18.43	4
369	8.03	.39	53 *	18.22	5
337	8.76	.37	48.5	17.94	4
***	8.899*	.35	51.3	18.35	7
348	9.31 Q	.38	49.9	17.95	6
340	8.36	.39	50.7	17.91	5
***	8.36	.39	50.7	17.91	5
361	9.42 Q	.4	50.9	18.09	5
344	9.91 Q	.4	49.5	18.03	7
367	8.66	.42 *	50	18.18	6
341	9.7 Q	.38	47.1	17.94	5
362	9.22 *	.38	51.9	18.33	5
345	9.04 *	.39	49.4	17.83	6
354	10.06Q	.4	49.4	17.87	3
352	9.65 Q	.41	49.8	18.05	2
350	9.02 *	.4	50.6	18.29	6
353	10.66Q	.41	49.6	17.95	7
370	9.07 *	.41	50.3	17.82	5
364	9.41 Q	.36	51.8	17.84	3
343	8.95 *	.39	51.6	17.86	7
365	8.15	.38	50.9	17.87	5
363	9.27 *	.41	52.2	17.79	3
346	10.45Q	.39	51.5	17.88	5
366	8.37	.41	52.2	17.85	3
360	9.77 Q	.4	52.7 *	17.78	5
368	9.11 *	.46 Q	51.6	18.36	5
342	8.84 *	.46 Q	53.8 *	17.7	3
349	9.95 Q	.37	50.3	17.61*	4
355	9.18 *	.39	49.8	17.52*	5
351	10.27Q	.39	50.6	17.63*	3
356	9.75 Q	.38	51.7	17.55*	2
357	10.98Q	.43 *	51.3	17.59*	5
358	9.82 Q	.39	55.3 Q	16.92Q	4
359	9.9 Q	.43 *	59.1 Q	16.59Q	2

9000222

DATA RANKED ACCORDING TO COMBINED QUALITY SCORE

1988 CROP

UNIFORM SOUTHERN NURSERY
STANDARD = 88337, FLA 302

WHEAT AND MILLING DATA

LAB NO.	ENTRY	MILLING QUALITY SCORE	BAKING QUALITY SCORE	COMBINED QUALITY SCORE	TEST WT.	BREAK FLOUR YIELD	ST.GR. FLOUR YIELD	RED PASSES	FRIABILITY	E.S.I.	MILLABILITY
***	BENCHMARK	102.A	100.7A	100.A	61.6	35.6	76.3*	7	29 Q	10.4Q	123.7
***	STANDARD	100 A	100 A	100 A	61.3	30.3	77.9	7	29.9	8.6	123.7
337 2	FLA 302	100 A	100 A	100 A	61.3	30.3	77.9	7	29.9	8.6	123.7
342 7	PIONEER 2555	98.8B	114.2A	98.8B	61.6	34.5	77.7	7	30	8.8	117.9
347 12	NASW 84-160	97.1B	97.2 B	97.1B	62.5	31.3	78.2	7	29.4 *	9	115.9
352 17	MD 73025-51	96.4B	103.6A	96.4B	58.9Q	31	78.6	7	29.7	8.6	119.1
363 28	COKER 87-13	98 B	95.5 B	95.5B	62.6	32.5	77.2	7	29.3 *	9.3	116.6
355 20	FL 7927-G26	98.6B	95.4 B	95.4B	61	31.1	78.3	7	30	8.5	120.8
338 3	FLA 303	95.1B	105 A	95.1B	62	30.1	77.4	7	28.8 Q	9.6 *	113.5
349 14	TX 79-30	94.5C	106.7A	94.5C	62.7	33.5	76.3*	7	28.9 Q	10.7Q	108.8*
365 30	VA 85-52-24	94.1C	97 B	94.1C	61.4	26.7Q	77.4	7	29.5 *	9.8 *	114.8
364 29	GA 801310	93.4C	96 B	93.4C	60.6*	27.5Q	76.7*	7	28.3 Q	10.1*	113.7
366 31	VA 85-52-34	93.2C	100.7A	93.2C	61.5	31.3	76.9	7	28.4 Q	10.1*	109.4*
360 25	CL 850655	93 C	93 C	93 C	62.4	30.7	76.5*	7	28.5 Q	10.7Q	108.5*
346 11	GA 781197	92.6C	109.1A	92.6C	61.4	33.8	76.8*	7	29 Q	9.4 *	106.5*
336 1	TYLER	92.5C	99.8 B	92.5C	60.5*	29.8	76.4*	7	28.6 Q	10.6Q	110.4*
356 21	FL 7927-G29	100.A	92.4 C	92.4C	62.6	28.8*	78.4	7	29.8	8.5	124.1
359 24	GA 80078-P1988	96.5B	91.9 C	91.9C	61.9	32.8	76.4*	7	29.2 *	10.4Q	114.2
362 27	COKER 87-12	95.5B	89.2 D	89.2D	62	31.7	77.5	7	28.9 Q	9.3	113.1*
351 16	MD 75191-80	97.1B	88.8 D	88.8D	59.4Q	30.9	77.5	7	29.2 *	9	119.9
341 6	COKER P9877	88.7D	90.1 C	88.7D	61.6	27.4Q	76.7*	7	28.2 Q	11.3Q	103.4*
350 15	TX 79-19-1	90.9C	88.6 D	88.6D	61.5	30.9	76.3*	8	27.7 Q	10.9Q	105.2*
340 5	BAYLES	90.7C	88 D	88 D	61.1	28.9*	76.8*	7	27.5 Q	10.7Q	106.9*
353 18	MD 73065-03	86.2D	89.3 D	86.2D	60.1Q	31.3	75.9Q	7	27.4 Q	10.4Q	97.4 Q
348 13	NASW 84-313	86.7D	84.9 E	84.9E	60.9	26.4Q	76.4*	7	28.3 Q	11.2Q	101.1Q
339 4	NASW77-42-25	90.1C	84.8 E	84.8E	61.2	31	75.8Q	7	27.7 Q	11.4Q	103.9*
367 32	KY 83-27	84 E	107.1A	84 E	60.2*	31.6	75 Q	7	27.7 Q	11.9Q	92.9 Q
354 19	AR 26415	82.6E	79.5 F	79.5F	62.7	29.7	74 Q	7	26.7 Q	12.6Q	88.5 Q
357 22	FLORIDA 301H6	93.9C	77.6 F	77.6F	62.5	28 Q	77.1	7	28.4 Q	10 *	112.1*
343 8	SC 820556	85.2D	74.2 F	74.2F	62.8	28.1Q	76.3*	7	27.4 Q	11.3Q	94.7 Q
361 26	C 86-27	87.8D	72.4 F	72.4F	63.7	27.6Q	76.4*	7	28.1 Q	11.1Q	99.1 Q
345 10	COKER 86-31	90.4C	70.9 F	70.9F	62.8	28.6Q	76.8*	7	28.1 Q	9.5 *	104.4*
358 23	FL 85TW152-1	88.8D	63.9 F	63.9F	63	22.2Q	77	7	27.4 Q	9.9 *	105.9*
344 9	SC 820886	87.6D	42.4 F	42.4F	62.8	18.9Q	77	7	27.7 Q	9.4 *	106.3*

9000222

DATA RANKED ACCORDING TO COMBINED QUALITY SCORE

1988 CROP

UNIFORM SOUTHERN NURSERY
STANDARD = 88337, FLA 302

STRAIGHT-GRADE FLOUR

LAB NO.	FLOUR PROTEIN %	FLOUR ASH %	MICRO A.W.R.C. %	COOKIE DIAMETER CM.	TOP GRAIN
***	8.899*	.35	51.3	18.35	7
***	8.23	.38	51.8	18.3	5
337	8.23	.38	51.8	18.3	5
342	8.46	.41 *	51.8	19.07	6
347	8.3	.42 Q	52.8	18.28	6
352	8.65	.42 Q	49.9	18.35	5
363	8.65	.39	52.2	18.24	4
355	9.27 Q	.41 *	51.1	18.24	4
338	9 *	.4 *	52.3	18.51	6
349	9.38 Q	.39	51.8	18.56	5
365	8.84 *	.4 *	49.6	18.2	4
364	9.38 Q	.37	51.5	18.28	5
366	8.36	.4 *	50.3	18.26	6
360	8.76 *	.39	52.9	18.22	5
346	8.89 *	.43 Q	51.8	18.58	5
336	8.09	.38	51.5	18.27	4
356	8.98 *	.39	51.1	18.14	5
359	8.52	.37	53.3	18.19	7
362	8.76 *	.41 *	51.7	18.07	4
351	7.71	.38	52.5	18.01*	6
341	8.33	.41 *	51.3	18.04*	5
350	8.8 *	.39	53.3	18.13	4
340	9.69 Q	.39	52	18.13	4
353	8.94 *	.43 Q	51.3	18.07	5
348	9.42 Q	.42 Q	52.4	18.05*	5
339	8.45	.38	53.1	18 *	5
367	8.42	.42 Q	51.3	18.47	6
354	9.49 Q	.4 *	52.8	17.94*	3
357	9.87 Q	.39	51.2	17.85*	4
343	11.1 Q	.44 Q	53.5 *	17.97*	5
361	8.95 *	.43 Q	53.5 *	17.75Q	4
345	8.96 *	.43 Q	53.2	17.7 Q	5
358	10 Q	.41 *	54.7 *	17.68Q	4
344	9.16 Q	.42 Q	59.2 Q	17.28Q	5

9000222

Exhibit E
Statement of the Basis of Applicant's Ownership

Wheat variety Coker 9877 was developed by the Northrup King Co. cereals breeding staff from germplasm sources cited in Exhibit A of this application. Northrup King Co. believes that the variety is novel as defined in the Plant Variety Protection Act and, therefore, that Northrup King Co. is the sole owner of the variety.

11